



## INTEROFFICE CORRESPONDENCE

DATE September 26, 1994

TO C A Bicher, OU5 Closures, Bldg 080, X9100

FROM *SHH* S H Hollowell, OU5-7 Closures, Bldg 080, X8748

SUBJECT INCLUSION OF OPERABLE UNIT 5 ASH PITS IN SOLIDIFICATION TREATABILITY STUDY - SHH-001-94

Action Consider including treatment of the ash pits in the Treatability Study

In the near future, work will commence on a treatability study to determine the applicability of using portland cement/fly ash combinations to solidify possible soil waste forms that may result from future remediation actions at RFETS. Over the past two years the Treatability Studies group has conducted numerous studies on Rocky Flats soils and groundwater, but there have been no specific tests conducted on ash contaminated environmental media. Since it is likely that the ash pits (IHSS 133 1-133 4) will require some form of treatment, I would like to propose including them in the Solidification/Stabilization Treatability Study.

If the ash pits are included in the Treatability Study, it will be necessary to obtain both samples and funding before the test work can take place. Sampling could probably be handled by ASI during their Remedial Investigation work. They will already be sampling the ash pits for characteristic purposes and the addition of 1-2 extra cores should not be a significant problem. Funding, however, should be discussed further. Currently, there is funding to prepare the Work Plan and other preliminary test documentation. Funding for the study itself was going to be obtained through the Change Control Board, probably in mid-October. For the original scope, this funding would be approximately \$350,000, and would come out of the Treatability Study Work Package currently under OU 2. If the ash samples are added to the study, the approximate additional cost would be \$275,000. The source of this funding is uncertain.

Because this Treatability Study could provide valuable, IHSS specific data to the Metcalf & Eddy Feasibility Study team, I feel it would be worth our time to consider this opportunity. Please contact me if you have any questions or comments.

SHH cb

cc  
R M Cygnarowicz  
E C Mast

ADMIN RECCRD